

JC03 Rec'd PCT/PTO 23 MAY 2005

4

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

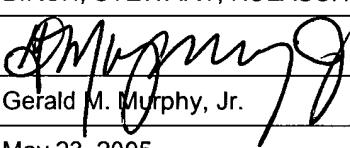
(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/511,320-Conf. #9216
Filing Date	October 15, 2004
First Named Inventor	Ras Kaas VESTERGAARD
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	4528-0117PUS1

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input checked="" type="checkbox"/> Reply to Missing Parts/Incomplete Application	<b>Remarks</b>	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	BIRCH, STEWART, KOLASCH & BIRCH, LLP		
Signature			
Printed name	Gerald M. Murphy, Jr.		
Date	May 23, 2005	Reg. No.	28,977

Rec'd PCTO 23 MAY 2005

Docket No.: 4528-0117PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Ras Kaas VESTERGAARD et al.

Application No.: 10/511,320

Confirmation No.: 9216

Filed: October 15, 2004

Art Unit: N/A

For: SUBSTRATE AND METHOD FOR  
MEASURING THE  
ELECTROPHYSIOLOGICAL PROPERTIES  
OF CELL MEMBRANES

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements dated March 21, 2005,  
Applicant respectfully submits:

- Attached is a copy of the Notification of Missing Requirements (371 Formalities Letter).
- Attached is the Executed Declaration and Power of Attorney  Original  Photocopy.
- The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification that was filed in the U.S. Patent and Trademark Office on

October 15, 2004, including any amendments thereto (if applicable) filed on even date therewith.

The undersigned hereby declares that "Attorney Docket No. 4528-0117PUS1" on page 1 of the attached inventors' Declaration corresponds to Appl. No. 10/511,320 filed October 15, 2004 entitled SUBSTRATE AND METHOD FOR MEASURING THE ELECTROPHYSIOLOGICAL PROPERTIES OF CELL MEMBRANES.

Attached is an English language translation of the above-identified application that was filed in a foreign language, which should be used as the copy for examination purposes.

See the attached Translator's Verification; or

The undersigned states that the English translation attached hereto is a true and correct translation of the application as originally filed in a foreign language.

Attached are sheet(s) of drawings. Please substitute these replacement drawings for the corresponding sheet(s) of drawings on file in the above-identified application.

Attached are substitute claims commencing on a separate sheet in accordance with 37 C.F.R. § 1.75(h).

Attached is a substitute abstract commencing on a separate sheet in accordance with 37 C.F.R. § 1.72(b).

Attached is a substitute specification that complies with 37 C.F.R. § 1.52. The substitute specification does not contain new matter.

Attached is a preliminary amendment.

Applicant claims small entity status under 37 C.F.R. § 1.27.

Submitted concurrently herewith under separate cover for recording is an Assignment.

Attached is a Petition for Extension of Time.

Attached hereto is the fee transmittal listing the required fees.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: May 23, 2005

Respectfully submitted,



By   
Gerald M. Murphy, Jr.  
Registration No.: 28,977

BIRCH, STEWART, KOLASCH & BIRCH, LLP  
8110 Gatehouse Rd  
Suite 100 East  
P.O. Box 747  
Falls Church, Virginia 22040-0747  
(703) 205-8000  
Attorney for Applicant

Attachment(s)



## UNITED STATES PATENT AND TRADEMARK OFFICE

Rec'd PCT/PIO 23 MAY 2005

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/511,320	Ras Kaas Vestergaard	4528-0117PUS1
INTERNATIONAL APPLICATION NO.		
PCT/GB03/01705		
I.A. FILING DATE	PRIORITY DATE	
04/17/2003	04/17/2002	
CONFIRMATION NO. 9216		
371 FORMALITIES LETTER		
 <small>*OC000000015477288*</small>		

2292  
 BIRCH STEWART KOLASCH & BIRCH  
 PO BOX 747  
 FALLS CHURCH, VA 22040-0747

*(Handwritten marks: A circle with a cross, a checkmark, and the word DOCKETED. Below it is the handwritten date PERFECT: 5/21/05.)*

Date Mailed: 03/21/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/15/2004
- Copy of the International Search Report filed on 10/15/2004
- Copy of IPE Report filed on 10/15/2004
- Copy of Annexes to the IPER filed on 10/15/2004
- Preliminary Amendments filed on 10/15/2004
- Information Disclosure Statements filed on 10/15/2004
- Copy of references cited in ISR filed on 10/15/2004
- U.S. Basic National Fees filed on 10/15/2004
- Priority Documents filed on 10/15/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/511,320	PCT/GB03/01705	4528-0117PUS1

FORM PCT/DO/EO/905 (371 Formalities Notice)